UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET, S.W.
ATLANTA, GEORGIA 30303-8960

January 25, 2018

(b)(6)
[redacted]

SUBJ: EPA Asbestos Removal at 248 Jetton Street

Dear (b)(6) [redacted]:

Enclosed, you will find the Removal Action Status Report for the property located at 248 Jetton Street in Davidson, North Carolina. The report summarizes information regarding the original asbestos sampling, a description of the Removal Action conducted on the property, a summary of multimedia sampling results, details on the restoration of the property and the timeframe of the Removal Action. We have also included a figure of the removal area and the air sampling locations, a table of the air sampling results and photographs of the removal activities.

The removal activities have been completed and there are no further actions needed on the above-mentioned property. If you have any questions or need further information, please do not hesitate to contact Jordan Garrard, US EPA, Federal On-Scene Coordinator directly at (678) 644-8648, via email: garrard.jordan@epa.gov or myself directly at (678) 575-8132, via email: miller.angela@epa.gov, at any time.

It was such a pleasure working with you and your community. Thank you for your cooperation and patience throughout the removal activities.

Sincerely,

Angela R. Miller, US EPA
Community Involvement Coordinator

Enclosure(s)

cc: Jordan Garrard, US EPA, Federal On-Scene Coordinator
Miguel Alvalle, NC DEQ

REMOVAL ACTION STATUS REPORT
DAVIDSON ASBESTOS

Property Address: 248 Jetton Street, Davidson, Mecklenburg County, North Carolina

Original Asbestos Sampling Information: Surface soil samples were collected at a depth of 0 to 3 inches below ground surface (bgs) and subsurface soil samples were collected at a depth of 3 to 6 inches bgs. Analytical results are reported in increments of 0.25 percent asbestos. Asbestos-containing materials were visible in the soil during sample collection.

Property Address	Area Sampled	Surface Soil Results (percent asbestos) 0-3 inches deep	Subsurface Soil Results (percent asbestos) 3-6 inches deep
248 Jetton Street	Front Yard	No Asbestos Detected	No Asbestos Detected
	Back Yard	No Asbestos Detected	No Asbestos Detected
	Garden	No Asbestos Detected	No Asbestos Detected

Description of Removal Action: The soil was excavated to an approximate maximum depth of 6 inches in the lawn (see Appendix 1). Visual inspections of the areas excavated for ACM were conducted by a State of North Carolina-accredited asbestos inspector and air monitor. Visible ACM was not detected at the time of the inspection and restoration of the excavated areas was allowed to commence.

Summary of Multimedia Sampling Results: Perimeter air sampling was conducted at three stationary locations during removal activities on July 8, 2017. Air sampling was conducted at these locations based on wind direction and removal activities. The analytical results were less than the limit of detection and ranged from less than 0.00066 fibers per cubic centimeter (f/cc) to less than 0.0012 f/cc (see Appendix 2). A 5-point composite soil sample was collected from the excavated areas before restoration activities and the analytical result indicated no asbestos detected.

Perimeter air and composite soil samples were collected by a State of North Carolina-accredited air monitor with oversight from a State of North Carolina-accredited supervising air monitor (SAM).

Restoration of Property: Restoration work included installation of snow fencing on top of the subsurface of the excavated area along with backfill and topsoil. All areas were restored to the original height of the surrounding grade.

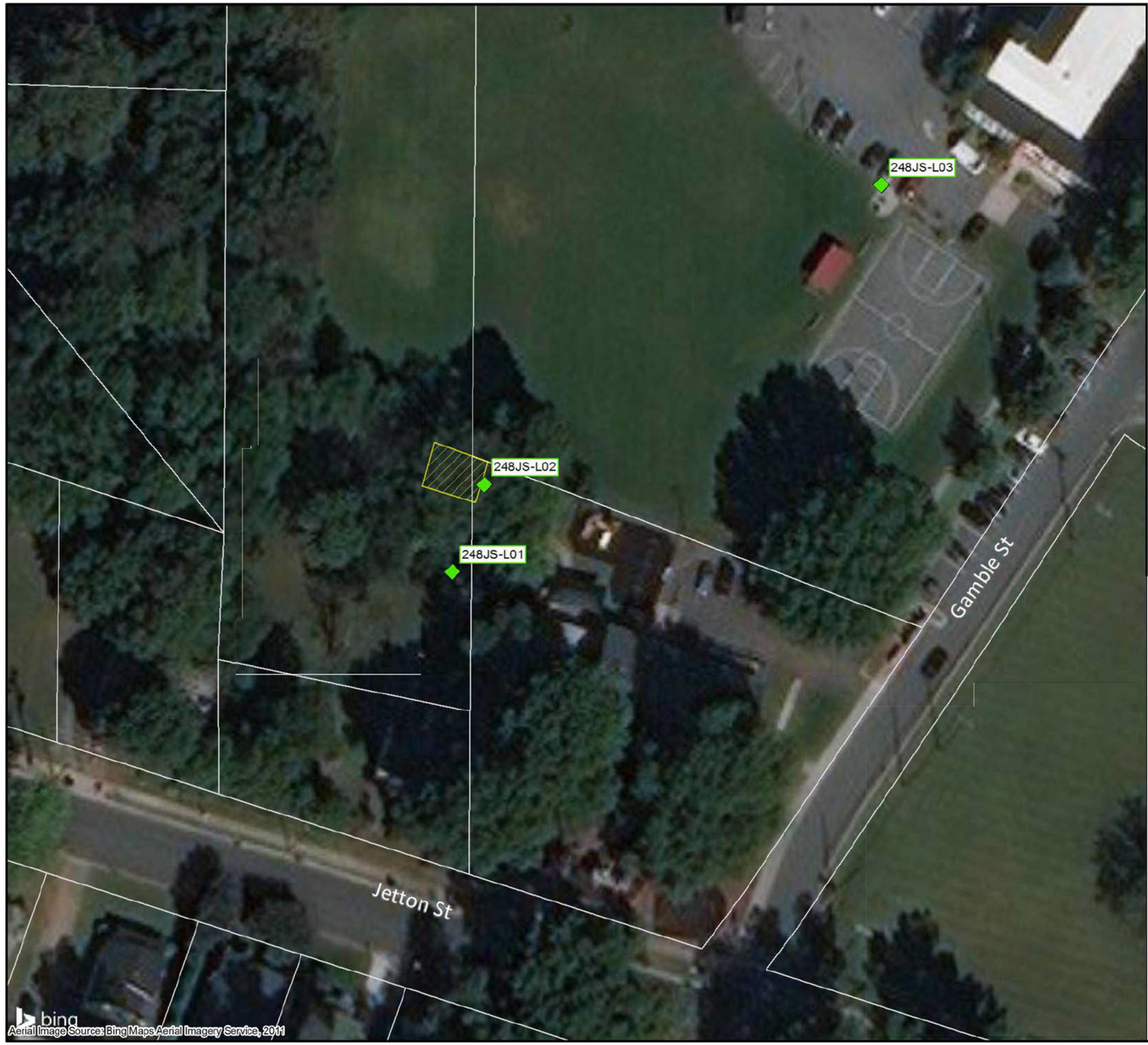
Time Frame of Removal Action: Removal activities began on and were completed on July 8, 2017.

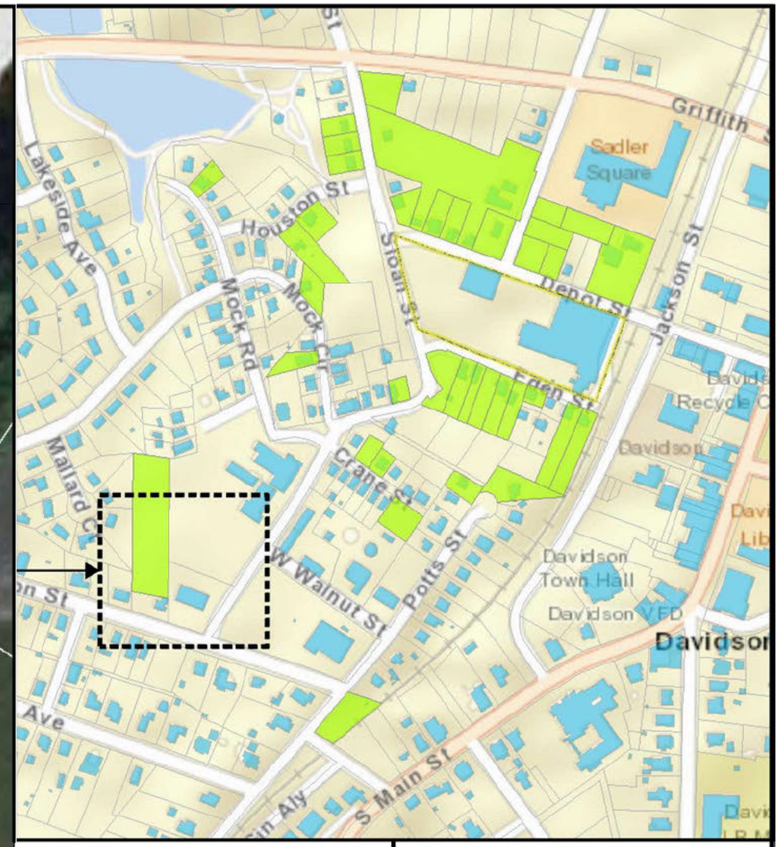
Appendices to this report include:
1. Figure of removal area and air sampling locations
2. Table of air sampling results
3. Photographic log of removal activities

APPENDIX 1

FIGURE

(One Page)





Legend

- Air Sample
- Removal Area
- Parcel Boundary

Inset Map

- *Parcels with Removal Activities*
- Building/Structure

248 Jetton Street

N
W E
S

0 40 80
Feet

Map Sources:
Aerial Imagery, Bing Maps, 2012-2014;
Parcels, http://maps.co.mecklenburg.nc.us

United States Environmental Protection Agency Region 4

FIGURE 1

Removal Areas and Air Sampling Locations

TDD Name: Davidson Asbestos

TDD No.: TT-01-071

City:	**County:**	**State:**
Davidson	Mecklenburg	North Carolina

TETRA TECH

Date: 12/7/2017

Analyst: dale.vonbusch

File: C:\TT-01-071_Davidson_Asbestos\mxd\acm_working_mapbook_v4.mxd

APPENDIX 2

SUMMARY TABLE OF ANALYTICAL RESULTS

(One Page)

TABLE 1
TRANSMISSION ELECTRON MICROSCOPY RESULTS
DAVIDSON ASBESTOS
DAVIDSON, MECKLENBURG COUNTY, NORTH CAROLINA

Sample Id	Location	T	Pump No.	Time Start	Time Stop	Total (Min)	Pump Flow Rate (lpm)			Total Sample Volume (l)	PCM Results (f/cc)	Asbestos Fibers Detected	TEM Results in PCME (f/cc)
							Initial	Final	Average				
DA-248JS-AA-L01-070817	248 Jetton Street - Location 1	AA	G4	8:34	15:04	390	10.58	10.60	10.59	4130.1	0.0012	0	<0.0012
DA-248JS-AA-L02-070817	248 Jetton Street - Location 2	AA	G1	8:36	15:06	390	10.53	10.37	10.45	4075.5	0.00066	0	<0.00066
DA-248JS-AA-L03-070817	248 Jetton Street - Location 3	AA	G6	8:12	14:34	382	10.54	10.25	10.40	3970.9	0.00068	0	<0.00034

Notes:

<: Less than
AA: Area air sampling
DA: Davidson Asbestos
f/cc: Fibers per cubic centimeter
Id: Identification
JS: Jetton Street
l: Liters
lpm: Liters per minute
Min: Minutes
PCM: Phase contrast microscopy
PCME: Phase contrast microscopy equivalent
TEM: Transmission electron microscopy

APPENDIX 3

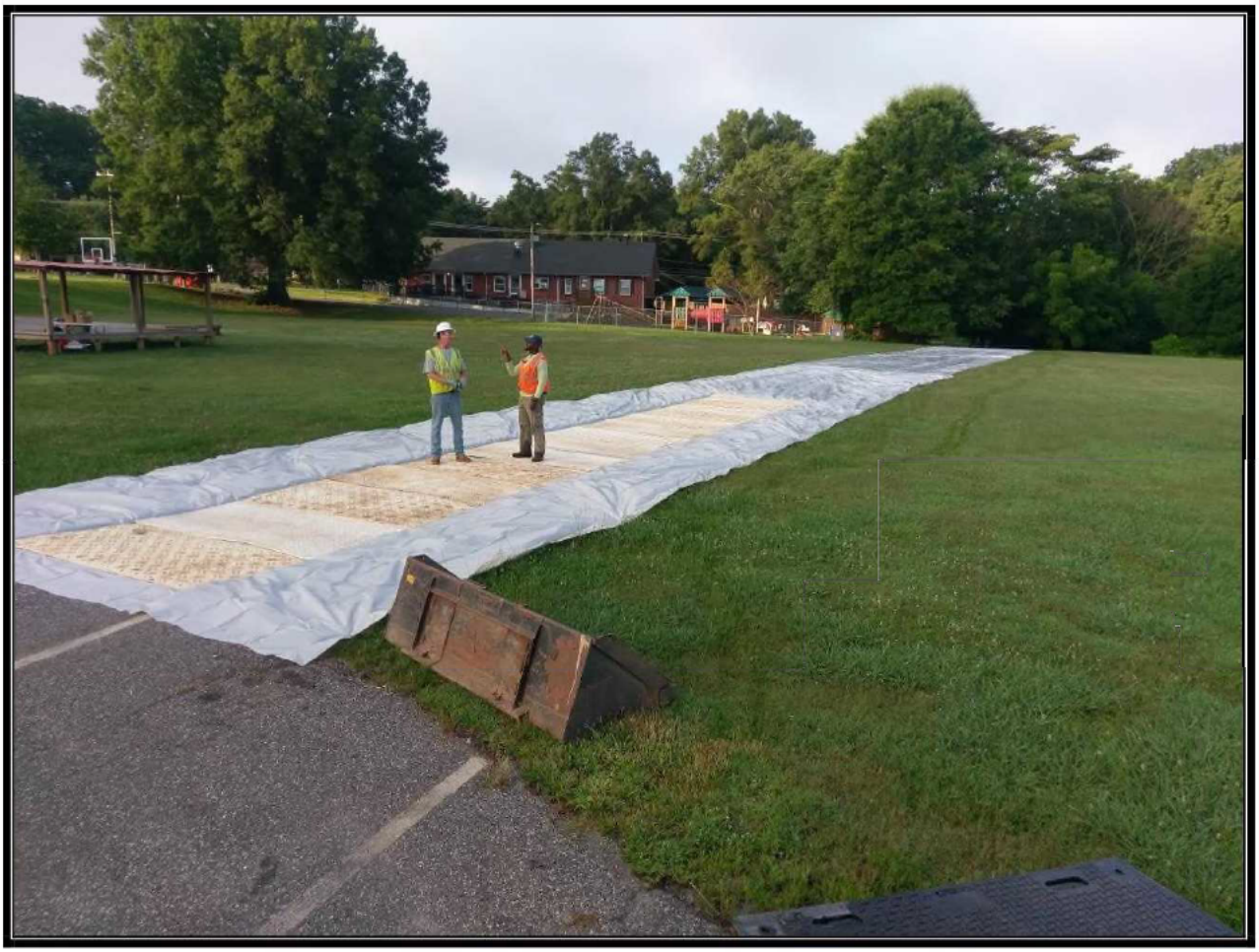
PHOTOGRAPHIC LOG

(Four Pages)

OFFICIAL PHOTOGRAPH NO. 1
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-071	**Location:**	Davidson Asbestos
Orientation:	Southeast	**Date:**	July 8, 2017
Photographer:	Paul Prys, Tetra Tech, Inc. (Tetra Tech)	**Witness:**	None

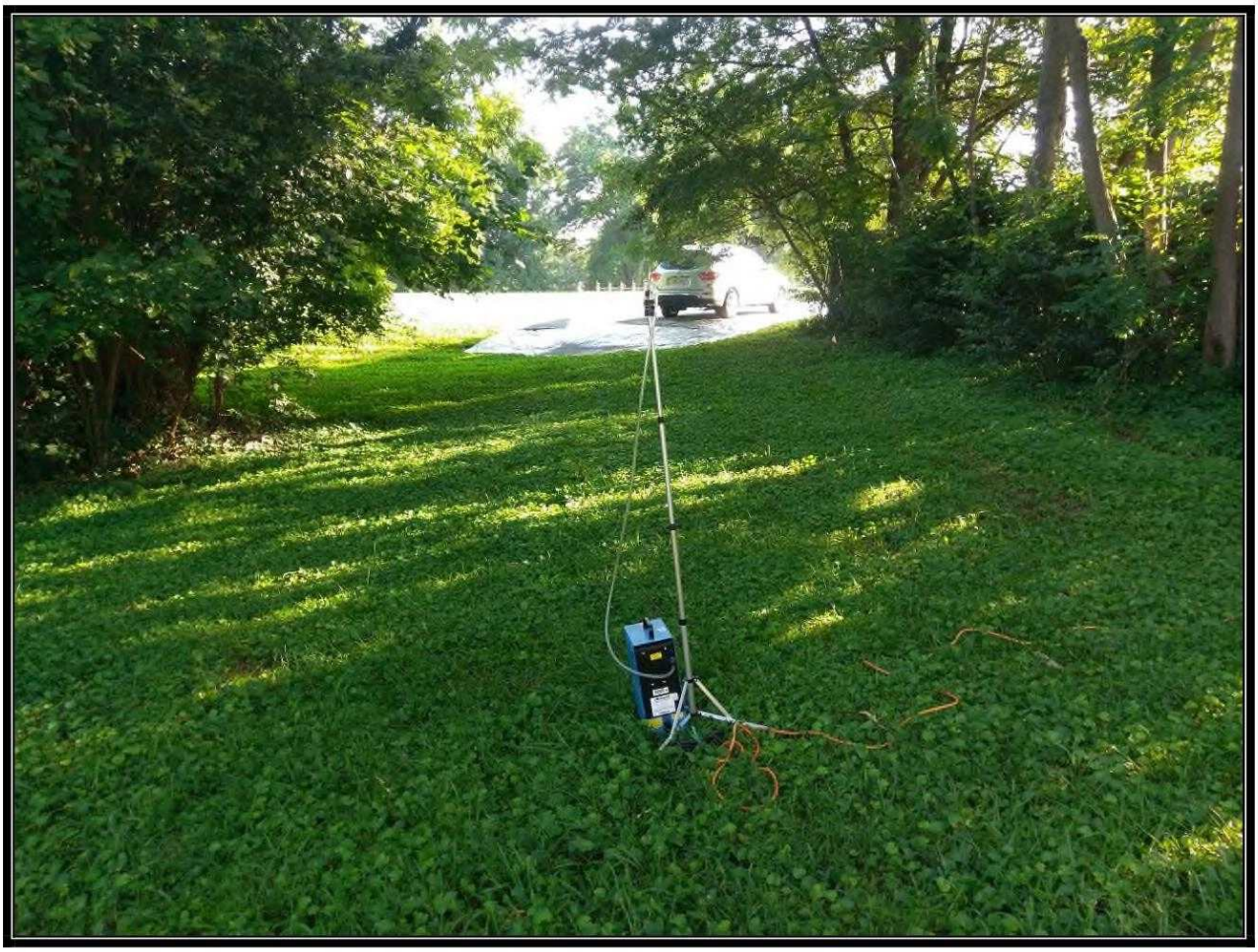
Subject: The Emergency and Rapid Response Services (ERRS) contractor, Environmental Restoration, LLC (ER), used an excavator and hand tools to remove asbestos-containing materials (ACM) and asbestos-contaminated soil from the property located at 248 Jetton Street. ER used hoses to wet the asbestos-contaminated soil during removal activities.



OFFICIAL PHOTOGRAPH NO. 2
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-071	**Location:**	Davidson Asbestos
Orientation:	South	**Date:**	July 8, 2017
Photographer:	Paul Prys, Tetra Tech	**Witness:**	None

Subject: ER used a skid steer and dump trucks to load and transport the asbestos-contaminated soil from the property to the staging area located at 206 Watson Street for disposal. ER placed plastic matting and sheeting under the path to the removal area and the dump trucks to prevent asbestos-contaminated soil from falling onto the ground and parking lot during removal activities.



OFFICIAL PHOTOGRAPH NO. 3
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-071	**Location:**	Davidson Asbestos
Orientation:	Northeast	**Date:**	July 8, 2017
Photographer:	Paul Prys, Tetra Tech	**Witness:**	None

Subject: Perimeter air sampling was conducted by a Tetra Tech Superfund Technical Assessment and Response Team (START), State of North Carolina-accredited air monitor, to evaluate the effectiveness of engineering and safety controls in preventing the off-site migration of asbestos fibers during removal activities.

OFFICIAL PHOTOGRAPH NO. 4
U.S. ENVIRONMENTAL PROTECTION AGENCY

TDD Number:	TT-01-071	**Location:**	Davidson Asbestos
Orientation:	Southwest	**Date:**	July 10, 2017
Photographer:	Paul Prys, Tetra Tech	**Witness:**	None
Subject:	ER installed sod in the excavated areas after the snow fencing and topsoil installation were completed. ER used hoses with sprinkler attachments to water the sod.		